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Public Health Consequences Among First Responders to Emergency Events Associated With Illicit Methamphetamine Laboratories — Selected States, 1996–1999

Methamphetamine, a central nervous system stimulant, is manufactured in illicit laboratories using over-the-counter ingredients (1). Many of these ingredients are hazardous substances* that when released from active or abandoned methamphetamine laboratories can place first responders¹ at risk for serious injuries and death. In 16 states¹, the Agency for Toxic Substances and Disease Registry maintains the Hazardous Substances Emergency Events Surveillance (HSEES) system to collect and analyze data about the morbidity and mortality associated with hazardous substance-release events¹. Based on events reported to HSEES during 1996–1999, this report describes examples of events associated with illicit methamphetamine laboratories that resulted in injuries** to first responders in three states, summarizes methamphetamine-laboratory events involving injured first responders, and suggests injury prevention methods to protect first responders.

Washington

In April 1996, an oven exploded as two persons were using acetone, hydrochloric acid, and sodium hydroxide to manufacture methamphetamine in an illicit apartment laboratory; one person sustained chemical burns and was taken to a hospital emergency

^{*} Any substance that can cause an adverse health effect (2).

¹ Includes firefighters (e.g., professional and volunteer), police officers, emergency medical technicians, and hospital personnel (e.g., physicians and nurses).

During 1996-1999, state health departments in Alabama, Colorado, Iowa, Minnesota, Mississippi, Missouri, New Hampshire (in 1996), New York, North Carolina, Oregon, Rhode Island, Texas, Washington, and Wisconsin participated in HSEES. Three states were added in 2000.

An uncontrolled or illegal release (e.g., spill, fire, and explosion) or threatened release of hazardous substances or hazardous by-products. To be considered a methamphetamine event, it must meet the HSEES definition and be associated with the illicit production of methamphetamine. The existence of these laboratories does not qualify them as an event. Information on substances released, number of persons injured, types of injuries, and evacuations is collected by state health departments from sources such as state environmental protection agencies, local police and fire departments, local media, and hospitals, and is reported to HSEES.

^{**} Includes illnesses and other adverse health effects.

Illicit Methamphetamine Laboratories - Continued

department. The source of the burns was not revealed and, as a result, three hospital employees had nausea and vomited while treating the person. Three emergency medical technicians (EMTs) and two police officers exposed to emissions from the fire had eye and respiratory irritation. None of the injured first responders was wearing personal protective equipment (PPE) at the time of injury.

Oregon

In February 1999, a firefighter sustained chemical burns after exposure to hydrochloric acid and ephedrine during a fire at an illicit methamphetamine laboratory in a house in a residential neighborhood. Chemicals and other drug-manufacturing paraphernalia used to make methamphetamine were found after the fire was extinguished. The firefighter, who had worn turn-out gear^{††} as PPE at the time of injury, was decontaminated at the site, treated at a local hospital, and released.

lowa

In March 1999, three police officers had respiratory irritation after exposure to anhydrous ammonia and ether emissions during a raid of an illicit residential methamphetamine laboratory. The officers were decontaminated at the site, treated at a local hospital, and released. They had not worn PPE at the time of injury.

Summary

Of the 23,327 events reported to the HSEES system during 1996–1999, 1673 (7.2%) resulted in injuries: 112 (0.5%) events were associated with methamphetamine; 59 (52.7%) methamphetamine-associated events resulted in injuries. Methamphetamine-associated events were reported by five state health departments (lowa, Minnesota, Missouri, Oregon, and Washington) participating in the HSEES system. Of the 112 events, 155 persons were injured; 79 (51.0%) injured persons were first responders: 55 (69.6%) police officers, nine (11.4%) EMTs, eight (10.1%) firefighters, and seven (8.9%) hospital employees (Table 1). The 79 injured first responders had 111 injuries (Table 1); 60 (54.1%) were respiratory irritation (e.g., cough, difficulty breathing, and throat irritation), and 12 (10.8%) were eye irritation; 61 (77.2%) injured first responders were treated at a hospital and did not require admission.

PPE status at the time of injury was known for 67 (84.8%) of the 79 injured first responders; 57 (85.1%) had not worn PPE at the time of injury (45 [78.9%] were police officers). Of the 36 events causing injuries to first responders, 12 (33.3%) involved anhydrous ammonia and 11 (30.6%) involved hydrochloric acid. In 33 (91.7%) of the 36 events for which the type of release was known, 19 (57.6%) involved air emissions, 10 (30.3%) involved fires, and seven (21.2%) involved explosions.

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Editorial Note: This report illustrates how first responders were at risk for injuries during emergency events associated with illicit methamphetamine laboratories. Of all HSEES events, methamphetamine-associated events accounted for a small number; however, they were more likely to result in injuries. Substances used in methamphetamine

[&]quot;Coat, pants, boots, and gloves worn during structural firefighting operations that offer limited harmful vapor or liquid protection with self-contained breathing apparatus.

Illicit Methamphetamine Laboratories — Continued

TABLE 1. Number and percentage of first responders* who sustained injuries¹ during emergency events associated with illicit methamphetamine laboratories, by type of injury — Hazardous Substances Emergency Events Surveillance, selected states¹, 1996–1999

	Fire	efighters	Police officers			MTs1		spital sonnel		Total
Respiratory irritation Eye irritation Nausea/Vomiting Heat stress Chemical burns Skin irritation	No.	%	No.	%	No.	%	No.	%	No.	%
Trauma	1	12.5	0	_	0	_	0	_	1	0.9
Respiratory irritation	3	37.5	49	62.0	8	47.1	0	_	60	54.1
Eye irritation	0	-	8	10.1	4	23.5	0	-	12	10.8
Nausea/Vomiting	0	-	4	5.1	2	11.8	3	42.9	9	8.1
Heat stress	0	_	1	1.3	0	_	0		1	0.9
Chemical burns	3	37.5	0		0		0		3	2.7
Skin irritation	0	-	0	-	1	5.9	0	-	1	0.9
Dizziness/Central nervous system										
symptoms	0	-	6	7.6	0	-	4	57.1	10	9.0
Headache	0	-	2	2.5	1	5.9	0	-	3	2.7
Shortness of breath	0	-	9	11.4	1	5.9	0	-	10	9.0
Other	1	12.5	0	_	0	-	0	-	1	0.9
Total	8	100.0	79	100.0	17	100.0	7	100.0	111	100.0

* Includes firefighters (i.e., professional and volunteer), police officers, emergency medical technicians, and

hospital personnel (i.e., physicians and nurses).

Includes illnesses and other adverse health effects.

* Alabama, Colorado, Iowa, Minnesota, Mississippi, Missouri, New Hampshire (in 1996), New York, North Carolina, Oregon, Rhode Island, Texas, Washington, and Wisconsin.

[¶] Emergency medical technicians.

laboratories often are corrosive, explosive, flammable, and toxic and can cause fires, explosions, and other uncontrolled reactions (3,4). These laboratories may be found in various environments, including motel rooms, private residences, campgrounds, and motor vehicles (3,5); an estimated 20%–30% of known methamphetamine laboratories were discovered because of fires and explosions (6).

Hazardous substances released during and after an event usually enter the body by inhalation and skin absorption (3); acute exposures may result in cough, headache, chest pain, burns, pulmonary edema, respiratory failure, coma, and death (3,4,6). Of the types of responders usually on site first, police officers had the greatest number of injuries because they were present during and immediately after a release. EMTs sustained most injuries through on-site exposure or direct contact with the clothing or skin of contaminated persons. Firefighters, the least often injured on-site first responders, were likely to be wearing PPE during events. Hospital personnel injuries may have been caused by injured persons not being decontaminated before being brought to the hospital. Standard uniforms worn by police officers, EMTs, and hospital personnel provided little or no chemical/respiratory protection. During some events, turn-out gear worn by firefighters offered only limited protection.

The findings in this report are subject to at least two limitations. Reporting of any event to HSEES is not mandatory; therefore, participating state health departments may not be informed about every event. Because methamphetamine laboratories are illicit, sources (primarily law enforcement officials) might hesitate to report events that may jeopardize investigations. Second, HSEES is not conducted in all states, and HSEES data may not represent populations in other areas.

Illicit Methamphetamine Laboratories — Continued

Interventions that can reduce risk for injuries among first responders to methamphetamine-laboratory events include 1) increasing awareness of the risks associated with illicit drug laboratories, 2) encouraging training in situations involving hazardous material, 3) identifying the nature of the event before entering the contaminated area, 4) wearing appropriate PPE, and 5) following a proper decontamination process after exposure to hazardous substances. Information about the hazards likely to be encountered and protective measures that can be taken by first responders at methamphetamine-associated events can be found at http://www.cdc.gov/niosh/npg/pgdstart.html and http://hazmat.dot.gov/erg2000/psnsort.htm^{§§}

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Progress Toward Poliomyelitis Eradication — Eastern Mediterranean Region, 1999–September 2000

In 1988, the Regional Committee for the Eastern Mediterranean Region* (EMR) of the World Health Organization (WHO) adopted a resolution to eradicate poliomyelitis from the region by 2000. Since then, substantial progress has been made in vaccination and surveillance and, by the end of the year, 19 of the 23 EMR countries are expected to have interrupted poliovirus transmission. This report summarizes progress toward this goal from January 1999 through September 2000.

Routine vaccination coverage. In 1999, the regional reported coverage with at least three doses of oral poliovirus vaccine (OPV3) by age 1 year was 83% (range: 18%–100%), compared with 82% in 1998. OPV3 coverage of ≥90% was reported from 14

^{*}The 23 member countries are Djibouti, Egypt, Libya, Morocco, Somalia, Sudan, and Tunisia in northern and eastern Africa; Bahrain, Kuwait, Oman, Qatar, Saudi Arabia, United Arab Emirates, and Yemen in the Arabian peninsula; Iraq, Jordan, Lebanon, Syria, and the Palestinian National Authority in the Middle East; Afghanistan, Iran, and Pakistan in Asia; and Cyprus.

countries. Coverage levels of ≤80% were reported from Afghanistan (32%), Djibouti (27%), Pakistan (80%), Somalia (18%, only northern regions reporting), Sudan (77%), and Yemen (72%). These countries represent more than half of the total regional population. Compared with reported administrative data, surveys in some of these countries have identified lower coverage rates.

Supplementary vaccination activities. During 1999, National Immunization Days (NIDs)† were conducted in 20 of the 23 countries of the region. Iran and Tunisia conducted targeted subnational campaigns in provinces at risk for poliovirus importation and/or with suboptimal vaccination coverage, and NIDs have not been considered necessary in Cyprus. In 2000, several countries that have been polio-free have scaled down the scope of supplementary vaccination activities from NIDs to subnational or local campaigns. During 1999-2000, NIDs and other supplementary vaccination activities have been intensified in countries with persistent poliovirus circulation (Afghanistan, Egypt, Iraq, Pakistan, Somalia, and Sudan). In 1999, each of these countries either conducted two pairs (four rounds) of NIDs (Afghanistan, Egypt, and Iraq) or one pair of NIDs and one pair of large-scale subnational campaigns (Pakistan, Somalia, and Sudan). During 2000, each of these six countries will conduct two pairs of NIDs and additional mopping up or subnational campaigns. The quality of campaigns in these remaining countries where polio is endemic has been improved substantially through house-to-house vaccination. greater emphasis on high-risk areas, improved planning and supervision, additional financial resources, and increased technical consultation.

Campaigns are coordinated among groups of contiguous countries within EMR. Coordination with the European region has led to elimination of the poliovirus reservoir in the border areas of Iran, Iraq, Syria, and Turkey (1). Cross-border coordination will continue between Afghanistan, Pakistan, and Iran. Increasing attention is being focused on collaboration with the regional office of WHO for Africa to coordinate eradication activities among countries of the Horn of Africa and countries that border western and southern Sudan.

Surveillance. All member countries have established acute flaccid paralysis (AFP) surveillance. Fifteen countries (Bahrain, Egypt, Iran, Iraq, Jordan, Lebanon, Libya, Oman, Pakistan, Palestine, Qatar, Saudi Arabia, Syria, Tunisia, and Yemen) achieved or exceeded the WHO-established minimum AFP reporting rate indicative of a sensitive surveillance system (≥1 nonpolio AFP case per 100,000 children aged <15 years) during 1999 (Table 1). Among the eight remaining countries, the annualized nonpolio AFP reporting rates during 2000 have exceeded one in Afghanistan, Kuwait, Somalia, and Sudan. The regional average reporting rates for nonpolio AFP in 1999 and 2000 are 1.1 and 1.3 (annualized), respectively. During 1999 and 2000, two adequate stool samples were collected from 67% and 71% of the reported persons with AFP in EMR, respectively. During 1999, nine countries (Bahrain, Cyprus, Iraq, Jordan, Kuwait, Oman, Palestine, Syria, and Tunisia) achieved the WHO-recommended target of collecting two adequate stool specimens from at least 80% of persons with AFP. During 2000, an additional four countries (Egypt, Lebanon, Libya, and Saudi Arabia) achieved this target.

EMR laboratory network. The EMR laboratory network consists of 12 laboratories (eight national and four regional reference laboratories). All network laboratories have

¹Mass campaigns over a short period (days to weeks) in which two doses of OPV are administered to all children in the target age group (usually age <5 years) regardless of previous vaccination history, with an interval of 4–6 weeks between doses.

TABLE 1. Number of reported cases of acute flaccid paralysis (AFP), confirmed poliomyelitis*, and key surveillance indicators, by country — Eastern Mediterranean Region, World Health Organization, 1999–September 2000

		199	99			20	00	
Country	No. AFP cases	No. confirmed cases (virus confirmed)	Nonpolio AFP rate	% AFP cases with two stool specimens	No. AFP cases	No. confirmed cases (virus confirmed)	Nonpolio AFP rate ¹	% AFP cases with two stool specimens
Afghanistan	230	150 (63)	0.67	53.0	190	77 (14)	1.20	47.4
Bahrain	4	0	1.95	100.0	2	0	1.30	100.0
Cyprus	1	0	0.62	100.0	0	0	0	-
Djibouti	1	1 (0)	0	0	2	0	1.06	0
Egypt	276	9 (9)	1.26	78.6	204	3 (3)	1.26	89.2
Iran	293	3 (3)	1.14	77.2	211	0	1.12	76.3
Iraq	271	88 (67)	1.66	79.7	197	8 (4)	2.26	83.2
Jordan	29	0	1.56	82.8	21	0	1.50	90.5
Kuwait	4	0	0.75	100.0	5	0	1.26	100.0
Lebanon	14	0	1.60	21.4	11	0	1.67	90.9
Libya	23	0	1.26	69.6	12	0	0.88	83.3
Morocco	75	0	0.78	48.0	49	0	0.67	36.7
Oman	21	0	2.50	90.5	10	0	1.59	90.0
Pakistan	1329	558 (324)	1.22	70.3	726	109 (109)	1.32	77.1
Palestine	13	0	1.00	92.3	9	0	0.92	100.0
Qatar	8	0	5.56	25.0	1	0	0.93	0
Saudi Arabia	81	0	1.06	75.9	69	0	1.20	82.6
Somalia	40	19 (2)	0.71	35.0	118	59 (38)	2.43	46.6
Sudan	121	60 (10)	0.42	37.2	174	57 (3)	1.10	44.3
Syria	92	1 (1)	1.27	81.5	85	0	1.51	80.0
Tunisia	38	0	1.22	86.8	31	0	1.32	80.6
United Arab Emirates	6	0	0.90	33.3	3	0	0.40	0
Yemen	109	25 (0)	0.99	56.9	92	1 (0)	1.32	65.2
Total	3079	914 (479)	1.10	67.1	2222	314 (171)	1.29	71.2

AFP and at least one of the following: 1) laboratory-confirmed poliovirus infection or 2) inadequate stool specimens and residual paralysis at 60 days, death, or no follow-up at 60 days.

Number of persons with AFP per 100,000 population aged <15 years. Minimum expected rate is one case of nonpolio AFP per 100,000 per year.

Two stool specimens collected from a person with AFP at an interval of at least 24 hours within 14 days of paralysis

1 Annualized nonpolio AFP rate.

been fully or provisionally accredited by WHO. As of September 2000, the EMR laboratory network tested 4129 stool specimens obtained from 1947 (96%) of 2028 persons with reported AFP (or their contacts) from 21 EMR countries. Specimens from an additional 142 persons with AFP reported from Somalia and southern Sudan were tested in the laboratory network of the African region. Laboratory results were reported on time (within 28 days of receipt of specimen) for >80% of stool specimens during 1999–2000.

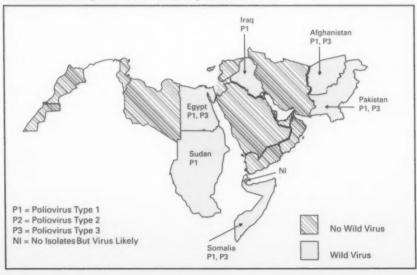
Genetic sequence analyses are performed routinely on all wild poliovirus isolates in the region. Recent sequence data have identified separate virus reservoirs shared between Pakistan and Afghanistan and between Chad and Sudan. With improvements in surveillance, independent and unique transmission chains of poliovirus types 1 and 3 have been identified in Afghanistan, Somalia, and Sudan. Communities with persistent foci of virus transmission have been better delineated in Egypt. Sequencing of a recent wild poliovirus isolate obtained in Syria confirmed that the strain was imported recently from southern Asia.

Incidence of polio. Compared with the same period in 1999, the number of confirmed cases of polio reported through September 2000 in the EMR has decreased by approximately 50% (from 619 to 314) despite substantial improvements in AFP surveillance. Compared with 13 EMR countries in 1999, 16 have reported no cases during 2000. However, during 1996–2000, six countries (Afghanistan, Egypt, Iraq, Pakistan, Sudan, and Somalia) have reported cases with indigenous strains of wild poliovirus (Figure 1). In 1999, Iran and Syria reported cases associated with imported poliovirus strains. Intensive control measures composed of multiple NID rounds and mopping up campaigns have led to cessation of the polio outbreak in Iraq (2). The last virologically confirmed case-patient from this outbreak had paralysis onset in January 2000.

Since late 1999, wild poliovirus transmission in Egypt has been localized to a few districts in four governorates. The latest person with virologically confirmed polio in Egypt had onset in late May 2000. Expansion of surveillance in southern and central Somalia has led to identification of an outbreak of polio caused by wild poliovirus types 1 and 3 in Mogadishu, where, since January 2000, 38 cases of virologically confirmed polio have been identified. During 1999–2000, Pakistan continued to report the largest number of cases and has contributed more than 60% of the total number of virologically confirmed cases in the region. However, from January through September 2000, the number of virologically confirmed cases has declined 46% in Pakistan compared with the same period in 1999.

The Regional Commission for Certification of Poliomyelitis Eradication has reviewed national documentation of polio-free status from nine countries with high-quality AFP surveillance that have not reported cases of polio for several years. The commission has favorably reviewed reports from Bahrain, Iran, Jordan, Kuwait, Oman, Saudi Arabia, Syria, and Tunisia.

FIGURE 1. Poliovirus serotypes isolated from acute flaccid paralysis cases — Eastern Mediterranean Region, World Health Organization, 2000



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Editorial Note: Remarkable progress toward polio eradication has occurred in the member states of EMR since 1988. By the end of 2000, poliovirus transmission probably will be interrupted in all but four EMR countries. Improved local level planning and supervision, house-to-house vaccination, community mobilization, and heightened political commitment have enabled vaccination of an increasing number of children, especially among hard-to-reach and high-risk populations. These activities have necessitated the mobilization of financial and human resources and the development of local administrative capacity. AFP surveillance in the region is increasingly guiding planning, coordination, and targeting of vaccination activities and has identified virus reservoirs shared between countries or previously unknown foci of virus transmission.

Despite the progress, gaps remain in the quality of supplementary vaccination activities and in geographic representation of AFP surveillance in areas of conflict. Countries with armed conflict and/or high population density, poor sanitation, low OPV3 coverage, and weak or absent health infrastructure have posed obstacles to interruption of virus transmission (3–5). In polio-free countries of the EMR, maintenance of high OPV3 coverage and targeted supplementary vaccination activities will be necessary to minimize the spread of any poliovirus that may be introduced through importation.

Polio eradication in the region has entered its final phase. High priority polio eradication activities planned for this phase include 1) rapid completion of program intensification and expansion in the remaining countries where polio is endemic to ensure interruption of poliovirus transmission in the region by the end of 2001 or soon after; 2) rapid geographic expansion of AFP surveillance in countries affected by conflict and difficult access to populations; 3) maintenance of high-quality surveillance in polio-free countries; 4) containment of poliovirus stocks and potentially infectious material in laboratories throughout the region; 5) documentation of polio-free status by each country for review by the regional commission and certification of polio eradication in the region by the end of 2004; and 6) an increased focus on strengthening routine vaccination programs and vaccine-preventable disease surveillance. Implementing these high priority activities to achieve polio eradication and its certification will require the continued support of national governments and partner agencies.

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Support of polio eradication activities in EMR is provided mainly by governments of member states and by Rotary International, CDC, the government of the United Kingdom through the Department of Foreign and International Development, the government of Japan through the Japanese International Cooperative Agency, the government of Canada through the Canadian International Development Agency, the government of Denmark through Danish International Development Assistance, Sultanate of Oman, the governments of Norway and Italy, the United Nations Foundation, and the U.S. Agency for International Development.

Notice to Readers

Shortage of Tetanus and Diphtheria Toxoids

A temporary shortage of adult tetanus and diphtheria toxoids (Td) in the United States has resulted from two coincident situations: 1) a decrease in the number of lots released by Wyeth Lederle (Pearl River, New York), and 2) a temporary decrease in inventory of vaccine following routine maintenance activities at the production facilities by Aventis Pasteur (Swiftware, Pennsylvania) that lasted longer than anticipated. Approximately one half of the usual number of Td doses has been distributed this year. Although there have been no decreases in production of tetanus toxoid (TT), availability is low because of increased use during the Td shortage. On the basis of information provided by Aventis Pasteur, the Public Health Service expects vaccine supplies to be restored early in 2001. Until then, Aventis Pasteur will be limiting orders to assure the widest possible distribution of available doses.

The shortage will only impact persons aged ≥7 years who 1) require tetanus prophylaxis in wound management, 2) have not completed a primary series (three doses) of vaccine containing Td, or 3) have not been vaccinated during the preceding 10 years with Td, diphtheria and tetanus toxoids and acellular pertussis vaccine (DTaP) or diptheria and tetanus toxoids (DT) (1). This shortage will not affect vaccination of children aged <7 years who require additional doses of a vaccine-containing TT; they should receive DTaP or pediatric DT (2), which are not in short supply. Td is preferred to TT because Td provides protection against both tetanus and diphtheria (1). However, during this shortage, if Td is not available, TT can be used as an alternative for persons aged ≥7 years who require immediate boosting with TT (e.g., wound management), or who are unlikely to return to a clinic if vaccination is delayed. If TT is administered, patients and health-care providers must weigh risks and benefits of subsequent vaccination with Td. Arthus-type reactions may occur among persons who receive multiple doses of TT, especially within short intervals (<10 years). However, if vaccination with Td is delayed for >10 years following their last Td administration, persons may be protected inadequately against diphtheria.

Clinics experiencing shortages of Td may need to prioritize their use of available supplies. If administration of Td is delayed, clinics should implement a call-back system when vaccine is available. Recommendations for use (highest to lowest priority) of Td are:

- 1. Persons traveling to a country where the risk for diphtheria is high*.
- 2. Persons requiring tetanus vaccination for prophylaxis in wound management.
- 3. Persons who have received <3 doses of vaccine containing Td.
- Pregnant women and persons at occupational risk for tetanus-prone injuries who have not been vaccinated with Td within the preceding 10 years.

^{*}Travelers to certain countries may be at substantial risk for exposure to toxigenic strains of C. diphtheriae, especially with prolonged travel, extensive contact with children, or exposure to poor hygiene. On the basis of surveillance data and consultation with the World Health Organization, countries with highest risk are in Africa (Algeria, Egypt, and sub-Saharan Africa); the Americas (Brazil, Dominican Republic, Ecuador, and Haiti); Asia/Oceania (Afghanistan, Bangladesh, Cambodia, China, India, Indonesia, Iran, Iraq, Laos, Mongolia, Myanmar, Nepal, Pakistan, Philippines, Syria, Thailand, Turkey, Vietnam, and Yemen); and Europe (Albania and all countries of the former Soviet Union) (3).

Notices to Readers - Continued

- Adolescents who have not been vaccinated with a vaccine containing Td within the preceding 10 years.
- 6. Adults who have not been vaccinated with Td within the preceding 10 years.

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Notice to Readers

Operation ABC Mobilization — November 20-26, 2000

November 20–26 is Operation ABC (America Buckles Up Children) Mobilization week. The seventh biannual event promotes education and awareness of child-passenger safety to decrease the incidence of child-passenger fatalities and injuries. This effort is sponsored by the Air Bag & Seat Belt Safety Campaign, the National Highway Traffic Safety Administration (NHTSA), and the National Transportation Safety Board, and is supported by organizations such as Mothers Against Drunk Driving and law enforcement agencies.

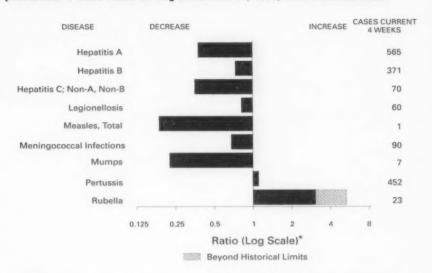
During the week, more than 8000 law enforcement agencies will increase activities to protect child passengers (e.g., ticketing drivers who fail to restrain children properly, setting up safety checkpoints, and arresting drivers deemed legally impaired); 64% of child passengers aged ≤14 years killed in alcohol-related crashes were riding in the vehicle with the drinking driver (1). Motor vehicle crashes were the leading cause of death in 1998 among children aged ≤14 years residing in the United States (2). Additional information on child-passenger safety and Operation ABC Mobilization is available from NHTSA, telephone (888) 327-4236 or on the World-Wide Web, http://www.nhtsa.dot.gov/people/outreach/safesobr/abcmobilization*.

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FIGURE I. Selected notifiable disease reports, United States, comparison of provisional 4-week totals ending November 11, 2000, with historical data



Ratio of current 4-week total to mean of 15 4-week totals (from previous, comparable, and subsequent 4-week periods for the past 5 years). The point where the hatched area begins is based on the mean and two standard deviations of these 4-week totals.

TABLE I. Summary of provisional cases of selected notifiable diseases, United States, cumulative, week ending November 11, 2000 (45th Week)

		Cum. 2000		Cum. 2000
Anthrax			Poliomyelitis, paralytic	
Brucellosis*		57	Psittacosis*	8
Cholera		2	Q fever*	18
Cyclosporiasis	*	2 38	Rabies, human	1
Diphtheria		2	Rocky Mountain spotted fever (RMSF)	385
Ehrlichiosis:	human granulocytic (HGE)*	151	Rubella, congenital syndrome	6
	human monocytic (HME)*	91 99	Streptococcal disease, invasive, group A	2,425
Encephalitis:	California serogroup viral*	99	Streptococcal toxic-shock syndrome*	65
	eastern equine*	1	Syphilis, congenital ⁹	173
	St. Louis*	3	Tetanus	22
	western equine*		Toxic-shock syndrome	120
Hansen diseas		55	Trichinosis	14
	Imonary syndrome*1	27	Tularemia*	104
	mic syndrome, postdiarrheal*	162	Typhoid fever	285
HIV infection,		190	Yellowfever	
Plaque		6		

*Not notifiable in all states.
*Updated weekly from reports to the Division of Viral and Rickettsial Diseases, National Center for Infectious Diseases (NCID).

Updated weekly from reports to the Division of Year and indicates antion.

"Updated monthly from reports to the Division of HIV/AIDS Prevention." Surveillance and Epidemiology, National Center for HIV, STD, and TB Prevention (NCHSTP). Last update October 29, 2000.

"Updated from reports to the Division of STD Prevention, NCHSTP.

TABLE II. Provisional cases of selected notifiable diseases, United States, weeks ending November 11, 2000, and November 13, 1999 (45th Week)

	All	DS	China	nydia¹	Cruntari	poridiosis	NET		coli O157:H	7°
	Cum.	Cum.	Cum.	Cum.	Cum.	Cum.	Cum.	Cum.	Cum.	Cum.
Reporting Area	2000	1999	2000	1999	2000	1999	2000	1999	2000	1999
INITED STATES	33,120	37,258	561,649	566,869	2,334	2,335	3,998	3,315	2,865	2,520
NEW ENGLAND	1,699	1,884	18,185 1,272	18,270 869	100	169 25	363 29	383 36	346 26	351
V.H.	29	40	885	850	21	17	35	32	34	33
/t. Aass.	1,061	1,211	455 7,679	417 7,760	26 30	35	33	32	33	20
R.I.	84	90	2,196	2,023	30	66	156 18	167 26	156 16	179 26
Conn.	465	460	5,698	6,351	*	22	92	90	81	93
MID. ATLANTIC	7,189	9,653	50,268	57,152	163	509	366	298	234	127
Jpstate N.Y. N.Y. City	694 3,765	1,147 5,101	21,447	23.549	114	145 222	271	230	58 10	2
V.J.	1,461	1,732	7.177	10,728	9	43	85	17 51	106	17 63
a.	1,269	1,673	21,644	22,875	30	99	N	N	60	45
.N. CENTRAL	3,190	2,534	91,509	95,571	746	593	927	913	533	495
Ohio nd.	489 324	421 282	22,561 10,972	25,617 10,552	251 57	59 38	250 126	212 94	203	208
II.	1,597	1,202	24,456	28,169	7	82	177	487	"	82
Mich.	604	502	22,111	19,473	90	47	133	120	103	78
Nis.	176	127	11,409	11,760	341	367	241	N	150	64
W.N. CENTRAL Minn.	767 153	839 158	30,746 6,316	32,530 6,547	350 132	187 69	633 198	490 159	540 171	516 177
owa	75	70	4,294	4,086	74	54	177	106	139	75
Mo. N. Dak.	349	408	9,728 577	11,545 797	29 15	23 18	102 15	41	92 20	61 17
S. Dak.	7	13	1,575	1,313	15	7	53	44	57	59
Nebr. Cans.	65 116	58 126	3,081 5,175	2,998 5,244	76 9	14	62 26	94 30	45 16	112
S. ATLANTIC	9,203	10.213	110.942	121.053	426	338	337	301	258	15 177
Def.	183	146	2,457	2,400	6		1	6	1	3
Md. D.C.	1,131	1,240 493	11,648	11,418 N	10 15	17	30	39	Ü	4 U
Va.	598	684	13,833	12,574	17	23	66	69	56	57
W. Va. N.C.	56 609	61 691	1,442 19,203	1,595	3	3	14	14	12	8
S.C.	703	842	8,487	19,221 16,299	23	23	82 21	66 19	65	52 14
Ga. Fla.	1,050	1,466	22,552	29,640	156	121	39	28	36	1
E.S. CENTRAL	4,178 1,644	4,590 1,661	28,506 42,469	27,906 39,765	196	144	83	59	73	38
Ky.	169	241	6,929	6,474	44	32 6	122	130	94 31	101
Tenn.	706	640	12,853	12,469	11	10	53	55	45	43
Ala. Miss.	420 349	418 362	13,114 9,573	10,852 9,970	15 13	11 5	9	23	9	21
W.S. CENTRAL	3,413	3.803	86,486	80,175	122	81	176	131	223	142
Ark.	159	156	5,084	5,295	13	2	56	14	38	14
La. Okla.	606 291	743 116	15,861 7,680	14,311 6,996	10 17	23 10	9	13 34	46 14	14 27
Tex.	2,357	2,788	57,861	53,573	82	46	92	70	125	87
MOUNTAIN	1,232	1,464	31,847	28,826	168	89	406	302	233	235
Mont. Idaho	12	11 20	1,154	1,393 1,518	10 23	10	30 66	24 60	-	43
Wyo.	9	10	678	667	5	í	17	15	9	16
Colo. N. Mex.	291	271	8,441	5,647	69	12	155	111	104	88
Ariz.	126 403	78 742	3,739	4,294 10,737	20	38 12	23 49	12 29	16 37	20
Utah Nev.	117 255	128 204	1,916 3,295	1,854	26	N	53	34	67	47
PACIFIC	4,783	5,207	99.197	2,716 93.527	215	9 337	13	17	404	15
Wash.	445	303	10,900	10,362	215 N	337 N	668 209	367 142	404 173	376 168
Oreg.	146	185	4,266	5,299	18	90	150	66	111	68
Calif. Alaska	4,072	4,628	79,354	73,444 1,645	197	247	267	145	108	128
Hawaii	99	78	2,576	2,777		+	15	13	11	11
Guam	15	12	2 222	432		-	N	N	U	U
P.R. V.I.	1,134	1,094	3,372	U	Ú	Ü	6 U	5	U	L
Amer, Samoa			Ü	U	U	U	ŭ	Ü	Ü	Ü
C.N.M.I.		*	U	U	U	U	U	U	U	U

N: Not notifiable.

U: Unavailable.

N: No reported cases.

C.N.M.L: Commonwealth of Northern Mariana Islands.

Individual cases can be reported through both the National Electronic Telecommunications System for Surveillance (NETSS) and the Public Health Laboratory Information System (PHLIS).

Chlamydia refers to genital infections caused by C. trachomatis. Totals reported to the Division of STD Prevention, NCHSTP.

Updated monthly from reports to the Division of HIV/AIDS Prevention — Surveillance and Epidemiology, National Center for HIV, STD, and TB Prevention. Last update October 29, 2000.

TABLE II. (Cont'd) Provisional cases of selected notifiable diseases, United States, weeks ending November 11, 2000, and November 13, 1999 (45th Week)

	Gonorr	hea	Hepatiti Non-A, N	s C; on-B	Legione	llosis	Listeriosis	Lyi	me ease
Reporting Area	Cum. 2000	Cum. 1999	Cum. 2000	Cum. 1999	Cum. 2000	Cum. 1999	Cum. 2000	Cum. 2000	Cum. 1999
INITED STATES	293,917	312,395	2,619	2,522	831	889	593	11,863	13,851
NEW ENGLAND Maine N.H. Vt. Mass. R.I. Conn.	5,065 79 91 56 2,065 551 2,223	5,720 70 97 42 2,148 508 2,855	14 2 4 3 5	14 2 6 3 3	49 2 2 5 15 8 17	69 3 8 13 25 9	43 2 2 3 23 1	4,031 59 28 1,086 465 2,393	4,180 41 20 21 741 450 2,907
MID. ATLANTIC Jpstate N.Y. V.Y. City V.J.	31,321 6,310 9,299 4,873 10,839	34,533 5,836 10,768 6,786 11,143	607 61 510 36	114 52 62	178 82 12 84	219 55 41 18 105	143 79 27 19 18	6,007 3,310 21 1,448 1,228	7,342 3,426 133 1,581 2,202
E.N. CENTRAL Ohio Ind. III. Mich. Wis.	55,592 13,675 5,187 16,467 15,401 4,862	60,157 15,792 5,550 19,982 13,572 5,261	193 11 1 14 167	848 3 1 46 782 16	222 105 36 9 46 26	240 68 37 30 63 42	103 51 7 11 29 5	319 85 33 11	566 42 17 17 11 479
W.N. CENTRAL Minn. Iowa Mo. N. Dak. S. Dak.	13,830 2,499 1,031 6,450 35 259	14,406 2,476 1,037 7,151 74 157	436 5 2 413	249 10 235	555 7 13 24	49 9 12 17 2 3	13 5 3 4 1	357 267 27 40	288 176 22 63 1
Nebr. Kans.	1,187 2,369	1,267 2,244	6	3	4 5	6		18	11 15
S. ATLANTIC Del. Md. D.C. Va. W. Va. N.C. S.C. Ga. Fla.	81,905 1,474 8,094 2,321 9,047 465 15,716 10,613 14,607 19,568	92,223 1,476 8,758 3,232 8,296 500 17,041 12,727 20,251 19,942	111 18 3 3 14 16 3 3 51	146 20 1 10 17 33 22 1 42	178 9 63 5 31 N 15 4 7	122 16 31 3 29 N 14 9	99 2 22 7 4 9 21 34	914 140 503 7 137 29 43 9	1,177 125 822 4 109 16 67 6
E.S. CENTRAL Ky. Tenn. Ala. Miss.	30,877 3,064 10,239 10,301 7,273	31,760 2,931 10,030 9,664 9,135	385 33 84 7 261	275 18 101 1 155	31 18 10 3	46 18 22 4 2	18 3 11 4	46 11 28 6	96 17 56 19
W.S. CENTRAL Ark. La. Okla. Tex.	45,822 2,789 11,709 3,436 27,888	46,057 2,900 11,474 3,469 28,214	423 9 291 8 115	487 27 279 15 166	16 6 3 7	30 1 8 3 18	15 1 6 8	43 4 3	54 4 9 7 34
MOUNTAIN Mont. Idaho Wyo. Colo. N. Mex. Ariz. Utah Nev.	8,768 39 73 42 2,617 828 3,678 186 1,305	8,377 48 77 27 2,175 848 3,876 191 1,135	288 4 3 211 24 13 18 2 13	181 5 7 58 29 28 40 6 8	41 1 5 2 14 1 8	2 11 1 6 16 6	31 7 2 12 4 5	30 3 9 11 3 4	16
PACIFIC Wash. Oreg. Calif. Alaska Hawaii	20,737 1,959 618 17,532 297 331	19,162 1,828 770 15,900 268 396	162 29 27 104	208 17 16 175	61 17 N 44	72 17 N 53 1	128 6 5 114	116 9 14 91 2 N	133 10 12 111
Guam P.R. V.I. Amer. Samoa C.N.M.I.	585 U U U	48 294 U U	1 0 0	1 U U	1 0	UUU	*	N U U	

TABLE II. (Cont'd) Provisional cases of selected notifiable diseases, United States,

						13, 1999 (Salmon		
		laria		s, Animal		rss		ILIS
Reporting Area	Cum. 2000	Cum. 1999	Cum. 2000	Cum. 1999	Cum. 2000	Cum. 1999	Cum. 2000	Cum. 1999
UNITED STATES	1,080	1,261	5,161	5,890	32,427	34,119	26,945	29,468
NEW ENGLAND Maine N.H. Vt. Mass. R.I. Conn.	59 6 1 2 23 8 19	56 3 2 4 19 4 24	733 122 21 56 236 56 243	784 155 45 86 194 86 218	1,955 112 128 102 1,104 121 388	1,964 122 125 84 1,052 120 461	1,874 83 128 109 1,022 128 404	1,993 98 125 76 1,076 145 473
MID. ATLANTIC Jpstate N.Y. V.Y. City V.J.	209 74 76 33 26	372 64 215 52 41	916 623 U 175 118	1,148 817 U 166 165	3,606 1,083 833 774 916	4,635 1,185 1,301 973 1,176	3,775 1,145 816 670 1,144	4,648 1,215 1,336 1,012 1,085
E.N. CENTRAL Ohio nd. II. Mich. Wis.	112 19 6 46 30	151 18 19 68 36 8	143 49 22 66 6	161 35 13 10 83 20	4,494 1,312 574 1,239 787 582	4,892 1,172 476 1,467 908 869	2,995 1,279 513 1 841 361	4,239 969 428 1,419 892 531
W.N. CENTRAL Minn. Iowa Mo. N. Dak. S. Dak. Nebr. Kans.	54 27 3 8 2 1 7	71 39 13 13 13	485 80 71 50 107 87 2 88	663 99 140 29 132 164 4 96	2,141 495 328 637 56 89 200 337	2,032 522 230 668 43 89 173 307	2,220 590 291 812 70 97 91 269	2,177 651 208 785 60 113 149 211
S. ATLANTIC Del. Md. D.C. Va. W. Va. N.C. S.C. Ga.	297 5 100 15 49 4 33 2	302 1 87 17 64 2 26 15 22 68	2,120 48 358 507 107 507 142 306 144	1,916 50 359 507 101 396 132 204 167	7,243 101 738 57 901 150 991 666 1,367 2,272	7,777 146 769 70 1,144 154 1,182 596 1,323 2,393	4,914 126 673 U 816 137 i,003 502 1,453 204	5,851 139 811 U 938 143 1,201 468 1,513 638
E.S. CENTRAL Ky. Tenn. Ala. Miss.	44 18 11 14 1	23 7 8 7	190 19 97 74	239 35 84 119 1	2,086 340 572 599 575	1,953 369 516 542 526	1,484 230 644 521 89	1,332 253 541 447 91
W.S. CENTRAL Ark. La. Okla. Tex.	18 3 7 8	15 3 10 2	71 20 51	433 14 84 335	3,599 644 248 353 2,354	3,325 599 674 412 1,640	3,854 587 629 233 2,405	2,507 223 540 322 1,422
MOUNTAIN Mont. Idaho Wyo. Colo. N. Mex. Ariz. Utah Nev.	46 1 3 22 8 6 6	41 4 3 1 17 3 6 4 3	228 62 9 47 19 72 10 9	199 55 42 1 9 76 8	2,528 82 107 56 657 212 716 461 237	2,691 70 107 66 660 344 799 466 179	1,932 37 609 182 673 431	2,336 1 97 56 645 273 727 490
PACIFIC Wash. Oreg. Calif. Alaska Hawaii	241 29 36 163	230 24 20 173 1	275 7 246 22	347 4 336 7	4,775 510 281 3,717 56 211	4,850 596 386 3,510 53 305	3,897 547 330 2,783 23 214	4,383 751 422 2,921 31 258
Guam P.R. V.I. Amer, Samoa C.N.M.I.	4 0		73 U U	68 U	494 U U	36 543 U U	0000	0

N: Not notifiable.

U: Unavailable.

No reported cases.

Individual cases can be reported through both the National Electronic Telecommunications System for Surveillance (NETSS) and the Public Health Laboratory Information System (PHLIS).

TABLE II. (Cont'd) Provisional cases of selected notifiable diseases, United States,

T		Shigel				13, 1999	10111 1100	,,,
	NET			ILIS		Secondary)	Tube	rculosis
Reporting Area	Cum. 2000	Cum. 1999	Cum. 2000	Cum. 1999	Cum. 2000	Cum. 1999	Cum. 2000	Cum. 1999
INITED STATES	18,304	14,386	9,427	8,726	5,207	5,809	10,586	13,328
NEW ENGLAND Maine N.H. Vt. Mass. R.I. Conn.	353 10 6 4 242 26 66	786 5 16 6 6 675 23 61	332 12 8 220 28 64	761 14 4 657 23 63	66 1 2 41 4 18	53 1 3 31 2 16	353 12 16 4 217 27	369 16 12 2 204 39 96
MID. ATLANTIC Jpstate N.Y. N.Y. City N.J. Pa.	1,834 690 666 296 182	947 248 316 221 162	1,141 180 457 313 191	669 68 218 211 172	235 13 104 42 76	254 17 108 60 69	1,936 248 1,053 472 163	2,256 284 1,155 463 354
E.N. CENTRAL Ohio nd. II. Mich. Wis.	3,494 350 1,436 891 605 212	2,755 377 291 1,120 409 558	1,015 271 139 2 549 54	1,496 131 97 844 361 63	1,019 65 324 294 295 41	1,075 82 377 369 208 39	1,104 205 96 561 172 70	1,403 220 115 701 278 89
W.N. CENTRAL Minn. owa Mo. N. Dak. S. Dak. Nebr. Kans.	2,170 679 491 612 42 7 124 215	1,063 203 57 653 3 13 77 57	1,726 750 297 431 49 4 84	710 221 47 324 2 10 61 46	55 13 11 23 2	115 9 9 81 6	401 128 32 164 2 16 22 37	449 174 40 163 6 17 16 33
S. ATLANTIC Del. Md. D.C. Va. W. Va. N. C. S. C. Ga. Fla.	2,680 21 191 67 416 4 345 123 237 1,276	2.159 13 143 50 118 8 189 110 207 1,321	1,040 20 104 U 323 3 249 82 164 96	490 9 51 U 59 5 82 61 80 143	1,739 8 254 44 120 2 435 192 337 347	1,867 8 326 43 139 5 425 233 379 309	2,208 14 210 27 225 27 259 109 469 868	2,632 25 234 48 247 37 400 218 529 894
E.S. CENTRAL Ky. Tenn. Ala. Miss.	1,011 428 328 76 179	1,084 221 613 108 142	485 96 334 49 6	624 142 413 59 10	777 74 465 109 129	1,006 91 567 191 157	767 107 280 259 121	900 158 311 270 161
W.S. CENTRAL Ark. La. Okla. Tex.	2,657 185 134 109 2,229	2,324 73 188 501 1,562	2,563 52 156 35 2,320	1,031 25 111 152 743	718 86 194 108 330	925 73 273 165 414	876 153 74 115 534	1,689 145 208 157 1,179
MOUNTAIN Mont. Idaho Wyo. Colo. N. Mex. Ariz. Utah Nev.	1,139 7 44 5 247 153 492 75 116	992 9 24 3 178 123 512 56 87	659 2 170 99 311 77	12 1 140 91 369 61 6	216 1 1 11 20 177 1 5	202 1 1 2 11 181 181 2 4	420 14 11 3 68 36 176 41 71	444 13 12 3 64 51 184 34
PACIFIC Wash. Oreg. Calif. Alaska Hawaii	2,966 414 155 2,353 8 36	2,276 104 84 2,057 3 28	466 339 95 3 29	2,265 102 78 2,054 3 28	382 60 6 315	312 63 6 239 1	2,521 207 25 2,089 86 114	3,186 219 93 2,663 51 160
Guam P.R. V.I. Amer, Samoa C.N.M.I.	26 U U	17 131 U U U	0000	0000	139 U U	136 U U	238 U U U	62 172 U U

N: Not notifiable. U: Unavailable. ': No reported cases.
*Individual cases can be reported through both the National Electronic Telecommunications System for Surveillance (NETSS) and the Public Health Laboratory Information System (PHLIS).

TABLE III. Provisional cases of selected notifiable diseases preventable by vaccination, United States, weeks ending November 11, 2000, and November 13, 1999 (45th Week)

		uenzae,		ovemb lepatitis (V			T		Maar	ies (Rube	ala)	
		asive	A	10	В В		Indiger	lous	Impo		Tota	
Reporting Area	Cum. 2000	Cum.	Cum.	Cum.	Cum.	Cum.		Cum.	impo	Cum.	Cum.	Cum.
UNITED STATES	1,050	1,025	10,794	14,215	2000	1999	2000	2000	2000	2000	2000	1999
NEW ENGLAND	93	86	322	305	5,739	6,009		56	*	18	73	91
Maine	1	7	19	11	84	136		2	*	4	6	11
N.H. Vt.	12	17 5	18	17	15	15		2		1	3	1
Mass.	36	34	113	19	6	42	*			3	3	
R.I. Conn.	4	5	22	21	18	33					*	8
MID. ATLANTIC	33	17	140	118	28	41	*	-				2
Upstate N.Y.	159 86	178 73	958 206	1,054	765 125	759		14	~	5	19	5
N.Y. City	33	54	319	349	387	157 229		9	-	4	9	2
N.J. Pa.	30 10	46 5	100 333	134 334	57	119	*					3
E.N. CENTRAL	134	170	1,240		196	254				1	1	*
Ohio	49	54	238	2,601 581	627 93	625 83	-	8	1.80		8	4
nd.	27	22	109	96	42	35		-	*		2	2
Mich.	48	70 18	452 428	691 1,164	110 381	52 426	*	4		×	4	1
Nis.	3	6	13	69	1	29	-	2			2	1
W.N. CENTRAL	61	63	675	785	502	299		3		1	4	1
Minn. owa	35	40	177 65	75	36	48	~			1	1	1
No.	16	8	297	126 491	34 372	37 180		2		*	2	
V. Dak. 3. Dak.	1	1	3	3	2	2						-
lebr.	3	2	33	9	37	1	*	*		*		~
Cans.	4	6	98	37	21	12		1		-	1	
ATLANTIC	270	209	1,340	1,617	1,153	974		4			4	20
Ad.	74	53	200	266	111	1	*	-				20
D.C.	-	4	24	54	111	131 24	-		*	*	~	
la. V. Va.	36 9	17	142 53	160	145	79	*	2		~	2	18
V.C.	23	31	127	39 145	14 213	22 208	*	-	*	*	-	
S.C.	15 63	5	72	43	21	63	-	-				
la.	50	55 37	270 452	425 483	204 416	145 301		2		-	:	
S. CENTRAL	43	55	355	361	392	433		2	-	*	2	2
V.	12	6	44	64	64	433			*		*	2 2
enn. Na.	20 10	31 15	126 52	144 53	188 48	202	*			-	*	-
Aiss.	1	3	133	100	92	79 109		-		*		
V.S. CENTRAL	56	57	2,081	2,743	638	1,016						
irk. a.	11	14	106 56	56	74	72		-	*			12
lkla.	41	37	235	202 450	87 143	160 127			-	*	*	
ex.	2	4	1,684	2,036	334	657						7
MOUNTAIN Mont.	102	97	876	1,121	471	508		11		1	12	1
daho	4	3	7 29	17 40	6	17	*	*				
Vyo.	1	1	39	8	25	26 13				*	*	*
olo. I. Mex.	16 21	13 18	183 67	206	92	88		1		1	2	-
riz.	44	50	428	45 619	96 182	160 123			-		*	
Itah lev.	11	8	53	52	20	31		3			3	1
ACIFIC			70	134	43	50		7		~	7	~
Vash.	132	111	2,947 256	3,628 306	1,107	1,259		13	*	7	20	35
reg.	28	37	166	221	100	64 98		2		1	3	5
alif. Jaska	32 43	51 9	2,501	3,069	887	1,068	-	10		3	13	12 17
lawaii	23	8	13	11 21	9	15 14	*	1	-	3	1	
iuam				1		4	11			3	3	1
R. I.	4	2	202	289	219	215	Ü	-	U		-	1
imer, Samoa	Ü	U	U	U	U	U	U	U	U	U	Û	Ü
.N.M.L	ŭ	ŭ	ŭ	Ü	U	U	U	Ü	U	U	U	U

Ni: Not notifiable. U: Unavailable. : No reported cases.

For imported measles, cases include only those resulting from importation from other countries.

Col 221 cases among children aged <5 years, serotype was reported for 94 and of those, 22 were type b

TABLE III. (Cont'd) Provisional cases of selected notifiable diseases preventable by vaccination, United States, weeks ending November 11, 2000, and November 13, 1999 (45th Week)

Reporting Area Cum. Cum. Cum. Cum. 2000 1999 2000 2000 1999 2000 2000 1999 2000 2000 1999 2000 2000 1999 2000 2000 1999 2000 2000 1999 2000 2000 1999 2000 2000 1999 2000 2000 1999 2000 2000 1999 2000 2000 1999 2000 2000 1999 2000 2000 1999 2000 2000 1999 2000 2000 1999 2000 2000 1999 2000 2000 1999 2000		Meningo Dise			Mumps			Pertussis			Rubella	
INITED STATES 1,805 2,075 3 281 323 145 5,662 5,563 146 4 LEW ENGLAND 18 98 - 4 8 17 1,830 707 12 Milline 1 2 12 12 - 1 1 5 116 18 2 - 2 Milline 1 3 5 - 1 1 4 1 1 2 14 1 1 2 14 1 1 2 14 1 1 2 14 1 1 2 14 1 1 2 14 1 1 2 14 1 1 2 14 1 1 2 14 1 1 2 1 1 1 1	Reporting Area			2000			2000		1999	2000	2000	Cum. 1999
See					281	323	145	5,682	5,563			240
Selection Sele		118	98		4	8	17	1,390	707		12	7
H. 12 12 12 13 14 11 984 500 8 8 8 5 1 4 11 984 500 8 8 15 1 2 1 16 33 1 1 10 10 10 10 10	laine	8		*		-	6		82		2	
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TABLE IV. Deaths in 122 U.S. cities,* week ending November 11, 2000 (45th Week)

	A	II Cau	ses, By	Age (Y	ears)		P&I			All Cau	ses, By	Age (Y	ears)		P&I
Reporting Area	All Ages	≥65	45-64	25-44	1-24	<1	Total	Reporting Area	All Ages	≥65	45-64	25-44	1-24	<1	Tota
IEW ENGLAND loston, Mass. Irridgeport, Conn. ambridge, Mass. all River, Mass. lower lost of the lost o	16 24 65 21 11 11 38. 28 29 U	360 104 29 12 22 48 16 8 25 16 U 2	28 6 3 2 11 3 3 7 U	26 9 2 3 2 3 6 U	11 3 1 1	8 6 	49 15 1 3 2 6 4 3 3 3 3 U	S. ATLANTIC Atlanta, Ga. Baltimore, Md. Charlotte, N.C. Jacksonville, Fla. Miami, Fla. Norfolk, Va. Richmond, Va. Savannah, Ga. St. Petersburg, F Tampa, Fla. Washington, D.C.	61 26 66 58 1a. 44 195	720 95 120 70 69 36 15 41 36 32 23 133 58	242 34 49 21 20 14 6 11 15 4 39 29	123 19 23 7 15 7 3 8 4 5 13 11	32 4 6 6 4 2	34 9 6 2 2 2 2 2 1 2 5 1	70
Vaterbury, Conn. Vorcester, Mass. MID. ATLANTIC Albany, N.Y. Allentown, Pa. Suffalo, N.Y. Lamden, N.J. Elizabeth, N.J.	23 40 2,246 49 17 96 32 15	1,602 35 1,602 35 16 70 18 12 37	5 6 428 12 1 17 7 3	1 155 1 5 6	33 1	28	116 4 8 1	Wilmington, Del E.S. CENTRAL Birmingham, Ala Chattanooga, Te Knoxville, Tenn. Lexington, Ky. Memphis, Tenn. Mobile, Ala. Montgomery, Al Nashville, Tenn.	840 n. 194 nn. 50 89 56 199	582 137 40 60 38 132 36 35 104	159 39 7 18 10 41 4 12 28	53 14 1 5 3 10 6 5 9	26 4 1 4 2 6	20	65
lersey City, N.J. Jewark, N.J. Jewark, N.J. Jewark, N.J. Jeterson, N.J. Jeterson, N.J. Jeading, Pa. Jeading, Pa. Jechester, N.Y. Jeranton, Pa. Jerenton, N.J. Jica, N.Y. Jonkers, N.Y.	73 14 332 51 23 127	U 866 35 8 209 35 13 101 15 27 73 11 21 U	U 211 26 67 67 11 3 19 5 7 7 19 4 2	76 11 3 36 3 3 4	U 15 1 1 9 2 2 2	9 2 3 1 1	U 42 2 2 2 2 5 12 2 3 8 1 1 U	W.S. CENTRAL Austin, Tex. Baton Rouge, La Corpus Christi, I Dallas, Tex. El Paso, Tex. Ft. Worth, Tex. Houston, Tex. Little Rock, Ark. New Orleans, La San Antonio, Te Shreveport, La. Tulsa, Okla.	1,367 68 94 Fex. 48 210 76 126 333 50	878 49 64 31 123 55 84 194 36 42 102	294 10 14 11 53 14 27 82 6 10 34 15	128 7 10 4 25 5 7 44 3 5 7 3 8	36 1 5 5 2 5 5 4 5 4 2	29 1 1 2 4 3 8 1 3 3 1 2	1
E.N. CENTRAL Akron, Ohio Canton, Ohio Chicago, III. Cincinnati, Ohio Cleveland, Ohio Columbus, Ohio Dayton, Ohio Detroit, Mich. Evansville, Ind. Fort Wayne, Ind.	2,005 35 41 406 112 119 180 121 160 46 72	1,354 29 32 218 86 81 123 101 76 32	5 6 8 98 1 31 3 40 1 10 5 54 8 6 6 13	138 1 2 53 2 4 11 3 20 1	51 21 2 3 4 2 7	47 1 13 5 2 5 3 1	4	MOUNTAIN Albuquerque, N Boise, Idaho Colo. Springs, C Denver, Colo. Las Vegas, Nev. Ogden, Utah Phoenix, Ariz. Pueblo, Colo. Salt Lake City, U Tucson, Ariz.	olo. 47 100 171 20 140	26 34 60 110 12 92 11 95	170 15 6 8 27 37 6 30 5 22 14	65 13 3 2 5 17 1 8 1 9 6	23 2 2 3 5 2 2 5	22 1 1	1
Gary, Ind. Grand Rapids, Mi ndianapolis, Ind. Lansing, Mich. Milwaukee, Wis. Peoria, III. Rockford, III. South Bend, Ind. Toledo, Ohio Youngstown, Ohi	200 23 152 36 50 36 79	132 21 114 30 40 22 50	9 2 43 1 22 5 5 8 8 8 14	1 2	1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 10 3	1 5 1	PACIFIC Berkeley, Calif. Fresno, Calif. Glendale, Calif. Honolulu, Hawa Long Beach, Cal Los Angeles, Ca Pasadena, Calif. Portland, Oreg. Sacramento, Ca	if. 70 lif. U 23 135 lif. 180	13 67 U 37 48 U 19 88 139	5 14 U 12 14 U 6 27 26	54 1 4 U 3 5 U 1 10	20 2 U 2 U 5 4	18 2 . U 1 . U 1 . 5 1	1
W.N. CENTRAL Des Moines, Iowo Duluth, Minn. Kansas City, Kans Kansas City, Mo. Lincoln, Nebr. Minneapolis, Mir Omaha, Nebr. St. Louis, Mo. St. Paul, Minn.	. 31 87 30	483 66 17 20 55 10 5 3	1 14 7 5 4 . 2 21 9 9 1 15 7 12 8 15	9 2 5 8 7	24 1 6 3 1 4 7	21 2 1 2 6 4 2 2	1 3 4 12 7	San Diego, Calif San Francisco, (San Jose, Calif. Santa Cruz, Cali Seattle, Wash. Spokane, Wash. Tacoma, Wash. TOTAL	Calif. (Calif. (Calif. (Calif. (Calif. (Calif. (Calif.))))	79 U 110 110 10 U 25	20 U 29 2 U 9 U	4 U 11 3 U 2 U 786	4 U 2 U 1 U 258	4 U 4 U U 227	

U: Unavailable. ··No reported cases.
*Mortality data in this table are voluntarily reported from 122 cities in the United States, most of which have populations of ≥100,000.
A death is reported by the place of its eccurrence and by the week that the death certificate was filed. Fetal deaths are not included.

'Pheumonia and influenza.
'Because of changes in reporting methods in this Pennsylvania city, these numbers are partial counts for the current week. Complete counts will be available in 4 to 8 weeks.

Total includes unknown ages.

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